

~~BLAGOVESHCHENSKIY, German Vikent'yevich~~, kand. sel'khoz. nauk; POLYAKOVA, V.,
red.; PAVLOVA, S., tekhn. red.

[Cultivated perennial pastures] Kul'turnoe dolgoletnee pastbishche.
Moskva, Mosk. rabochii, 1960. 53 p. (MIRA 14:9)
(Pastures and meadows)

BLAGOVESHCHENSKIY, G. V., Candidate Agric Sci (diss) -- "The creation of highly productive perennial pastures under the conditions of Moscow Oblast". Moscow, 1959. 22 pp (Moscow Order of Lenin Agric Acad im K. A. Timiryazev), 110 copies (KL, No 24, 1959, 145)

BLAGOVESHCHENSKIY, Georgiy Viktorovich; SHKOL'NIKOV, A.B., red.;
SOKOLOVA, N.N., tekhn. red.

[Principles of safety and fire prevention technique in
agriculture] Osnovy tekhniki bezopasnosti i protivopo-
zharnoi tekhniki v sel'skom khoziaistve. Moskva, Sel'-
khozizdat, 1963. 279 p. (MIRA 16:10)
(Agriculture--Safety measures)
(Fire prevention)

BLAGOVESHCHENSKIY, Gleb Vladimirovich; KHANSUVAROV, A.A., red.

[Use of ferrite magnetic circuits in induction heating]
Primenenie ferritovykh magnitoprovodov v praktike induktsionnogo nagreva. Leningrad, 1964. 12 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen periodovym opytom. Seriya: Elektrotekhnologicheskie protsessy i ustanovki, no.1) (MIRA 17:9)

ZANNES, A.N., inzh.; RUDOL'SKIY, N.L., inzh.; FRADIN, M.D., inzh.;
SAPELKINA, O.R., inzh.; BIKHUNOV, L.Ya., inzh.; GLOZMAN, M.I.,
inzh.; Prinsipali uchastiye: DEMICHEV, A.D.; SUCHKOUSOV, V.P.;
BLAGOVESHCHENSKIY, G.V.; GOLOVIN, G.F.; KAZARNOVSKIY, D.S.;
RAVITSKAYA, T.M.

Surface induction hardening of rails along their whole
length at the Azovstal' Plant. Stal' 24 no.8:731-734
Ag '64. (MIRA 17:9)

1. Nauchno-issledovatel'skiy institut tokov vysokoy chastoty
(for Demichev, Suchkousov, Blagoveshchenskiy, Golovin).
2. Ukrainskiy nauchno-issledovatel'skiy institut metallov
(for Kazarnovski, Ravitskaya).

BLAGOVESHCHENSKIY, I.A. (Vladivostok)

Specific prevention of infectious diseases in children. Med.
sestra no.6:45-49 Je '62. (MIRA 15:8)
(COMMUNICABLE DISEASES--PREVENTION)

BLAGOVESHCHENSKIY, Igor' Aleksandrovich; RAVKIND, B.M., red.;
BUGROVA, T.I., tekhn. red.

[Vaccinations are a powerful method for protecting children
from infectious diseases] Privivki moguhee sredstvo predokhraneniia detei ot infektsionnykh boleznei. Leningrad,
Medgiz, 1962. 27 p. (MIRA 15:9)

(VACCINATION)

BLAGOVESHCHENSKIY, I. N.

AUTHOR: Blagoveshchenskiy, I.N.

130-10-9/18

TITLE: In the Forging Shop (V kuznechnom tsekhe)

PERIODICAL: Metallurg, 1957, No.10, pp. 20 - 21 (USSR)

ABSTRACT: Developments in the forging shop at the "Dneprospetsstal'" Works since the completion of its reconstruction in 1950 are briefly described. Main advances have been the extension of forging to include hard steels (many trials having been carried out jointly by the operating and central laboratory staffs, the forging of 160 - 200 mm diameter rounds direct from ingots, the minimisation of decarburisation, the mechanisation of handling operations (Figs. 1 and 2) and improvement of facilities. There are two figures.

ASSOCIATION: "Dneprospetsstal'" Works (Zavod "DNEPROSPETSSTAL'")

AVAILABLE: Library of Congress.

Card 1/1

BLAGOVESHCHENSKIY, K. (Stupino); KONSTANTINOV, V. (Moskva); UVAROV, I.,
inzh.-konstruktor (Moskva)

Readers' suggestions. Za rul. 18 no. 12:12 D '60. (MIRA 14:1)
(Motor vehicles)

BRZHESKIY, V. (g. Tikhvin); POPOVICH, P. (g. Yaroslavl'); BLAGOVESHCHENSKIY, M.
(g. Ivanovo)

Veniamin Petrovich Manuilov; on the 45th anniversary of his medical
activities. Vest.khir. 83 no.8:152-153 Ag '59. (MIRA 13:1)
(MANUILOV, VENIAMIN PETROVICH)

BLAGOVESHCHENSKIY, M.A., prof. (Ivanovo, 2-ya Plekhanova ul., d.10)
NIKITOVA, A.N., dots.

Epifascial progressive gangrene. Vest.khir. 81 no.10:132-136 0 '58
(MIRA 11:11)

1. Iz fakul'tetskoy khirurgicheskoy kliniki (zav. - prof. M.A. Blagoveshchenskiy) i kafedry patologicheskoy anatomii (zav. - prof P.P. Yerofeyev) Ivanovskogo meditsinskogo instituta.
(FACE, ulcer
phagedenic (Rus))

BLAGOVESHCHENSKIY, Mikhail Nikolayevich; dotsent; KUTAF'YEV, S.A., redaktor;
BAUMOV, A.M., tekhnicheskii redaktor.

[The White Russian S.S.R.; teaching manual] Belorusskaia SSR; uchebnoe
posobie. Moskva, Vysshiaia partiinaiia shkola pri TsK KPSS, 1955. 39 p.
(White Russia)

"APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205420015-2

L 42063-65

APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205420015-2"

BLAGOVESHCHENSKIY, M. V. Aspirant

"Transient Processes In Automobile Generators." Cand Tech Sci, Moscow Order
of Lenin Power Engineering Inst imeni V. M. Molotov, 1 Dec 54. (VIA, 19 Nov 54)

Survey of Scientific and Technical Dissertations Defended at USSR Higher
Educational Institutions (11)

SO: Sum. No. 521, 2 Jun 55

BLAGOVESHCHENSKIY, M.V., kand. tekhn. nauk

Calculation of the generation of oscillations in self-oscillators.
Trudy MEI no.31:5-13 '56 (MIRA 13:3)
(Oscillators, Electric)

BLAGOVESHCHENSKIY, M.V.

~~Transients in oscillators with cathode biasing. Nauch.dokl.vys.
shkoly; radiotekh. i elektron. no.2:124-133 ' 58. (MIRA 12:1)~~

1. Kafedra radiopere dayushchikh ustroystv Moskovskogo energeticheskogo
instituta.

(Oscillators, Electron-tube)

68199
SOV/58-59-5-11197

9.2580

Translation from: Referativnyy Zhurnal Fizika, 1959, N r 5, pp 180 - 181 (USSR)

AUTHOR: Blagoveshchenskiy, M.V.

TITLE: On Calculating the Initiation of Oscillations in Self-Oscillators

PERIODICAL: Tr. Mosk. energ. in-ta, 1958, Nr 31, pp 5 - 13

ABSTRACT: The author investigates theoretically the process of the initiation of oscillations in a thermionic oscillator. This process arises when a square modulating pulse is supplied to the oscillator. Disregarding grid currents and electron inertia and considering the self-oscillator as a non-autonomous system subject to the influence of an external potential, the author obtains a symbolic equation describing the transient behavior of the oscillator. He assumes that the duration of the modulating-pulse front is infinitely small. Using the approximation method, he examines transient behavior for the harmonic component of the driving voltage of the oscillator. The theory is adequate in the absence of plate-current cutoff and in case the mean transconductance is constant. By way of illustrating the proposed method of calculation, the author carries out an approximate solution of the problem of the

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21389

S/194/61/000/009/043/053

D271/D302

9,2580 (1040,1159)

AUTHOR: Blagoveshchenskiy, M.V.

TITLE: Frequency measurement in a pulse

PERIODICAL: Referativnyy zhurnal. Avtomatika i radioelektronika, no. 9, 1961, 19, abstract 9 I113 (Tr. Mosk. energ. in-ta, 1961, no. 34, 399-410)

TEXT: A method is presented for measuring the instantaneous frequency of a repetitive oscillation, with a repetition rate Ω_n of variable frequency $u(t) = U(t) \sin [\omega_0 t + \varphi(t)]$, where ω_0 is the initial frequency. In essence, the correction of frequency $\Delta\omega(t) = \frac{d\varphi(t)}{dt}$ is determined. For this purpose the oscillations $u(t)$ are brought to the vertical deflection plates of an oscilloscope with a delayed time base of repetition frequency Ω_n ; the beam is intensity modulated by short pulses with ω_k repetition

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D271/D302

Frequency measurement in a pulse

frequency. When Ω_n and ω_k are multiples, the brightened points on the screen are immobile. When the oscillation frequency $u(t)$ is constant and equal to ω_k , it can be obtained by an appropriate choice of the phase of brightening pulses, that the brightest points lie on the line coincident with the axis of oscillations on the screen. When the oscillation frequency $u(t)$ varies with time, this "equiphase line" is curved. When $\omega_k = n\omega_0$ where $n = 2, 3, 4, \dots$, n equiphase lines are obtained on the screen. It can be proved that with an even n $\varphi(t) = \arcsin \frac{z(t)}{A(t)}$ where $z(t)$ is the spacing

between equiphase lines the points of which are displaced by half-period of ω_0 , and $A(t)$ is the spacing between envelopes of $u(t)$. $\Delta\omega(t)$, which is to be found, is by graphical differentiation determined from $\varphi(t)$. The resolving power of the method, i.e.

$\frac{\Delta\omega_{\min}}{\omega_0} \simeq (4 \div 0.4) \cdot 10^{-4}$, where $\Delta\omega_{\min}$ is the minimum detectable

value of $\Delta\omega$. The accuracy of the method is determined, first of

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D271/D302

Frequency measurement in a pulse

all, by the duration of the brightening pulses which must not exceed $1/20 - 1/50$ of the period of ω_0 , if the equiphase line is not to become blurred. This condition limits the application of the method to $0.5 - 1$ mc/s, for an accuracy of 10^{-4} , when the brightening pulse duration is $0.1 - 0.05 \mu$ sec. The range of investigated frequencies can be extended to $25 - 50$ mc/s by substituting sine-wave oscillations of $100 - 150$ mc/s for the brightening pulses, and to dm waves, $30 - 50$ cm, by heterodyning the spectrum of the investigated pulse down to the IF of $20 - 50$ mc/s. Circuits of the apparatus are shown with a fixed ω_k - for the study of systems working at frequencies which are multiples of ω_k , and of a more flexible, but less accurate equipment with adjustable ω_k . Results are given of an investigation of oscillation build-up in an oscillator.

[Abstracter's note: Complete translation]

Card 3/3

KHME^SL'NITSKIY, Yevgeniy Pavlovich; BLAGOVESHCHENKIY, M.V., kand. tekhn.
nauk, otv. red.; VENGRENYUK, L.I., red.; SLUTSKI^SH, A.A., tekhn.
red.

[Operation of an electron-tube oscillator with a detuned circuit]
Rabota lampovogo generatora na rasstroennyi kontur. Moskva,
Svyez'izdat, 1962. 109 p. (MIRA 15:9)
(Oscillators, Electron-tube)

L 03620-67 EWT(1)

ACC NR: AP6019012

SOURCE CODE: UR/0106/66/000/006/0044/0052

AUTHOR: Belov, L. A.; Blagoveshchenskiy, M. V.; Ivanov, V. A.;
Kapranov, M. V.; Utkin, G. M.; Khryunov, A. V.

22
B

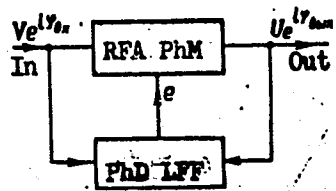
ORG: none

TITLE: Automatic phase control in amplifiers [Reported at the MEI Annual Conference and at the NTORIE Conference, 1964]

SOURCE: Elektrosvyaz', no. 6, 1966, 44-52

TOPIC TAGS: electronic amplifier, rf amplifier, automatic phase control

ABSTRACT: A possibility is discussed of stabilizing the phase of an rf amplifier by means of an automatic-phase-control feedback loop. Phase modulator PhM (see figure) is intended for compensating phase drifts that arise in rf amplifier RFA; these two devices may be designed as a joint unit or as separate units. Phase detector PhD produces an error signal which is due to a deviation of the output-input phase



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UDC: 621.396.647

L 03620-67

ACC NR: AP6019012

difference from its nominal value. To reduce this error signal to zero, a phase shifter is connected to one of the PhD inputs; this makes a phase-difference reference unit. The error signal between PhD and PhM can be amplified by a d-c amplifier with a 1-f filter LFF, which should take into account the inertia of the d-c amplifier and PhD. The error signal e applied to PhM corrects the phase deviation. Stabilizing characteristics of the automatic phase control are studied by setting up and examining its differential equations. The operation of the automatic phase control is illustrated by an example of a simple single-circuit resonant rf amplifier, with a reactance tube playing the role of PhM. The small-disturbance stability of the automatic-phase-control system is investigated for the cases of single-section and two-section RC filters. Orig. art. has: 7 figures and 29 formulas.

SUB CODE: 09 / SUBM DATE: 20Jan65 / ORIG REF: 003

Card 2/2

awm

L 35907-66 EWT(1)
ACC NR: AP6010787

SOURCE CODE: UR/0106/66/000/002/0023/0030

AUTHOR: Belov, L. A.; Blagoveshchenskiy, M. V.; Ivanov, V. A.;
Kapranov, M. V.; Utkin, G. M.; Khryunov, A. V.

ORG: none

TITLE: Automatic phase control in reflex-type amplifiers

SOURCE: Elektrosvyaz', no. 2, 1966, 23-30

TOPIC TAGS: SHF amplifier, reflex klystron, electronic amplifier

ABSTRACT: An automatic phase control (APC) is suggested for widening the band and stabilizing the operation of reflex-type SHF amplifiers.²⁵ A phase detector compares the input- and output-signal phases, and the error signal is used to control the phase shift; this can be done, for example, by controlling the repeller voltage. The article theoretically investigates the effect of signal-frequency

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UDC: 621.375.9:621.3.072.7

L 35907-66

ACC NR: AP6010787

deviation and APC-circuit parameters on the amplitude and phase in the reflex amplifier; also, the filtering characteristics of such an amplifier are explored. Equations describing the resonance curve and phase characteristic of an APC amplifier are set up; the introduction of APC considerably widens the amplification area. Curves are given for selecting the APC parameter to ensure specified noise filtration. An experimental verification with a reflex klystron permitted widening a 3-Mc amplifier band to 32 Mc (at 3000 Mc; gain, 25 db). Orig. art. has: 7 figures and 15 formulas.

SUB CODE: 09 / SUBM DATE: 05Jan65 / ORIG REF: 004 / OTH REF: 002

Card 2/2 *ellr*

TN672.N3

TREASURE ISLAND BOOK REVIEW

AID 846 - M

BLAGOVESHCHENSKIY, N. A. and NATAPOV, B. S.

TERMICHESKAYA OBRABOTKA METALLOV (Heat treatment of metals).

Metallurgizdat, 1955. 392 p., diagrs., tables, 16,000 copies printed.

ANALYSIS AND EVALUATION

This book deals with the theoretical principles and practical applications of the processes, techniques and operations of the heat and chemical-thermal treatment of ferrous metals, especially steel. The structure, properties and special features of different types of heat-treated steel are presented. The text is well supplied with diagrams, charts and tables giving chemical composition, properties, applications and data on heat treatment of a number of steels manufactured in the USSR. This reference material is the most valuable in the book and therefore it has been specifically indicated in this review.

The book is intended as a textbook for metallurgical colleges and can also be useful for students of metallurgical institutes.

BLAGOVESHCHENSKIY, N.I. (Vladivostok)

Modeling in a school course of geometry. Mat. v shkole no.6:26-27
N-D '54. (MLRA 7:11)
(Geometry) (Visual education)

BLAGOVESHCHENSKIY, N.I. (Vladivostok)

Two sides of polytechnic education in mathematics classes.

Mat. v shkole no.5:1-4 S-O. '58.

(Mathematics—Study and teaching)

(MIRA 11:10)

COUNTRY : USSR
 CATEGORY : Cultivated Plants - Potatoes, Vegetables, Cucurbits M
 ABS. JOUR. : RZhBiol., No. 14, 1958 No. 63391
 AUTHOR : Blagoveshchenskiy, N.I.
 INST. : -
 TITLE : Cultivation of Potatoes on Flood Land Soils.
 ORIG. PUB. : Tatarstan avyl kauxhakzygy, 1958, No. 11, 31-33
 ABSTRACT : Trials were conducted from 1946 to 1953 in Tatarsiya on thin-layered flood-lands and loamy soils. Studied were varieties with different degrees of fast ripening, influence of vernalization on tuber formation and tuber yields in summer plantings, mulching with humus, application of different amounts of manure and dressings of mineral fertilizers. Interrelation between fast maturing, character of tuber formation and the degree of branching in different varieties was studied. It is pointed out that in some varieties the yielding ability of potato is 2-3 times higher

Card: 1/2

60

COUNTRY : USSR
 CATEGORY : Cultivated Plants - Potatoes, Vegetables, Cucurbits. M
 REF. : Zhurnal., No. 14, 1950, No. 0091
 AUTHOR :
 INST. :
 TITLE :
 ORIG. PUB. :
 ABSTRACT : on flood-land soils than on gray weakly-and-medium pod-
 zolic soils. Intermediate and intermediate-late varie-
 ties should be cultivated on flood lands with an obliga-
 tory vernalization of the tubers and feeding the plants
 with phosphoro-potash fertilizers. Methods of soil til-
 lage and placement of organic and mineral fertilizers,
 time and methods of planting and care of potatoes are rec-
 ommended. Summer plantings are one of the important means
 of combating degeneration. -- L. V. Koblenko

Card: 2/2

BLAGOVESHCHENSKIY, N.I. Cand Agr Sci (diss) "Particularities of
~~the cultivation~~ of feed and table potatoes ^{craps} on river bed soils ^{of} the
Tatar ^{peya} ASSR." Kazan', 1957 21 pp 22 cm. (USSR Min Agr.) Kazan' State
Vet Inst im N.E. Bauman) 100 copies
(KL, 11-57, 99)

Blagoveshchenskiy, N.I.

USSR/Cultivated Plants - Potatoes. Vegetables. Melons. etc.

M.

Abs Jour : Ref Zhur - Biol., No 4, 1958, 15604

Author : N.I. Blagoveshchenskiy

Inst :

Title : The Potato on ~~Bottom~~ Land.
(Kartofel' na poymakh)

Orig Pub : Kartofel', 1957, No 2, 78-80

Abstract : The experiments of 1946-1953 at the "Memory of Lenin" Kolkhoz in the Stolbishchenskiy Rayon of the Tatar SSR are expounded which were on raising potatoes in the diverse soils characteristic of the small river bottom land of the Tatar ASSR. The yielding capacity of potatoes of individual varieties on bottom land soil is 2-3 times higher than in the waterless valleys. The largest yield on these soils is given by medium early varieties (the Sovetskiy, Oktyabrenok, Polesskiy). The improvement of potato seed quality is principally explainable by the

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USSR/Cultivated Plants - Potatoes. Vegetables. Melons. etc.

M.

Abs Jour : Ref Zhur - Biol., No 4, 1958, 15604

prolonged ripening and the presence of unripe tubers
in the harvest which were formed during more favorable
circumstances.

Card 2/2

BLAGOVESHCHENSKIY, N.I.; LODVIKOVA, A.S., red.; NABIULLINA, R.S.,
tekh.red.

[Advanced vegetable growing practices in the Tatar A.S.S.R.]
Peredovoi opyt vozdeleyvaniya ovoshchnykh kul'tur v Tatarskoi
ASSR. Kazan', Tatarskoe knizhnoe izd-vo, 1959. 75 p. (MIRA 14:1)
(Tatar A.S.S.R.--Vegetable gardening)

BLAGOVESHCHENSKIY, N. N.

"Local Immunity," Meditsinskiye monografi, Kazanskiy meditsinskiy zhurnal
(Medical Monographs, Kazan' Medical Journal), No 5, Kazan', 1929

BLAGOVESHCHENSKIY, N. N.

"Length of Stay of Antigen in Organism and Immunity," Annaly instituta iz.
Mechnikova (Annals of Institute imeni Mechnikov), 1-2, 47-00, Khar'kov, 1936

BLAGOVESHCHENKIY, S., doktor tekhn.nauk, prof.; VOZNESENSKIY, A., kand.tekhn.nauk; VOYTKUNSKIY, Ya., kand.tekhn.nauk, dotsent; GERASIMOV, A., kand.tekhn.nauk, dotsent; GRECHIN, M., kand.tekhn.nauk; DORIN, V., kand.tekhn.nauk; DOROGOSTAYSKIY, D., doktor tekhn.nauk; KOSOUROV, K., doktor tekhn.nauk, prof.; KRIVTSOV, Yu., kand.tekhn.nauk; MURU, N., kand.tekhn.nauk, dotsent; SEMENOV-TYAN-SHANSKIY, V., doktor tekhn.nauk, prof.; SOLOV'YEV, V., kand.tekhn.nauk, dotsent; TOPORKOV, I., inzh.; FIRSOV, G., doktor tekhn.nauk, prof.; FISHER, A., inzh.; KHRUSTIN, V., kand.tekhn.nauk, dotsent; EYDEL'MAN, D., inzh.

Concerning P.Khokhlov's article "Determining the center of gravity of a vessel during an inclining experiment with trim difference."
Mor. flot 23 no.5:33-34 '63. (MIRA 16:9)
(Stability of ships)

BIAGOVESHCHENSKIY, S.M.; LAVRENT'YEV, V.M., red.; FLAUM, M.Ya., tekhn. red.

[Standardizing the stability of seagoing vessels] O normirovani
ustoiichivosti morskikh sudov. Moskva, Izd-vo "Morskoi transport,"
1951. 155 p. (Leningrad. Tsentral'nyi nauchno-issledovatel'skii
institut morskogo flota. Trudy, no.8). (MIRA 11:5)
(Stability of ships)

~~BLAGOVESHCHENSKIY~~, S.M.; GERASIMOV, A.V., kandidat tekhnicheskikh nauk, re-
tsensent; MEYLUNAS, V.F., kandidat tekhnicheskikh nauk, redaktor; PE-
TERSON, M.M., tekhnicheskij redaktor.

[Rolling and pitching of ships] Kachka korablia. Leningrad, Gos.
soiznae izd-vo sudostroit. promyshl., 1954. 520 p. (MLBA 8:2)
(Stability of ships)

BLAGOVESHCHENSKIY, Sergey Nikolayevich

Academic degree of Doctor of Technical Sciences based on his defense, 30 June 1955, in the Council of the Leningrad Shipbuilding Inst, of his dissertation entitled: "Some Questions of the Theory of the Normalization of the Stability of Ships."

Academic degree and/or title: Doctor of Sciences

SO: Decisions of VAK, List no. 1, 7 Jan 56, Byulleten' MVO SSSR, Uncl.
JPRS/NY-548

124-57-1-596

Translation from: Referativnyy zhurnal, Mekhanika, 1957, Nr 1, p 75 (USSR)

AUTHOR: Blagoveshchenskiy, S.N.

TITLE: Design Principles for Novel Devices for the Loading, Stability, and Boarding Control of Transport Vessels (Printsip proyektirovaniya priborov novogo tipa dlya kontrolya nagruzki, ostoychivosti i posadki transportnykh sudov)

PERIODICAL: Tr. Tsent. n.-i. in-ta mor. flota, 1955, Vol 1, Nr 1, pp 36-56

ABSTRACT: The functional principle of a device based on the properties of G. Ye. Pavlenko's loading and balance diagrams is described. The device affords a means for determining the dead weight, water displacement, bow draft, stern draft, and metacentric height during the entire course and at the completion of the loading procedure prescribed by the loading schedule. Different versions of the device include frictional, link-type, and conical gear multiplying mechanisms. The basic design principles of the device are adduced, together with a method for the solution of various problems. Bibliography: 4 references. Yu. M. Guliyev

Card 1/1 1. Transports--Equipment 2. Transports--Performance--Indicating equipment

BLAGOVESHCHENSKIY, S N.

PAVLENKO, Vladimir Georgiyevich; ~~BLAGOVESHCHENSKIY, S.N.~~, otvetstvennyy
redaktor; ISAYEV, V.A., redaktor; KAMOLOVA, V.M., tekhnicheskiy
redaktor

[Methods of calculating the roll of ships] Metody rascheta bortovoi
kashki sudov. Leningrad, Gos. soizusnoe izd-vo sudostroit. promyshl.,
1956. 98 p. (MLRA 10:4)

(Stability of ships)

Blagoveshchenskiy, S.N.

SOV/124-58-5-5392

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 5, p 63 (USSR)

AUTHOR: Blagoveshchenskiy, S.N.

TITLE: On the New Stability Requirements for Seagoing Merchant Vessels (O novykh normakh ostroychivosti dlya grazhdanskikh morskikh sudov)

PERIODICAL: Tr. Tsentr. n.-i. in-ta morsk. flota, 1956, Nr 7, pp 3-35

ABSTRACT: An account is given of the new stability requirements for merchant vessels. Examples are cited which show that the new requirements assure an adequate margin of stability and are in keeping with current practice in merchant-ship navigation.
Reviewer's name not given

1. Merchant vessels--Stability
2. Merchant vessels--Specifications

Card 1/1

BLAGOVESHCHENSKIY, S.N., doktor tekhn.nauk

Calculating the primary part of the exciting moment during
ship rolling in regular waves. Trudy NTU sud.prom. 7 no.2:
133-148 '57. (MIRA 12:1)

(Stability of ships)

BLAGOVESHCHENSKIY, S., doktor tekhn.nauk, prof.; ALCHUDZHAN, G., inzh.

New information for captains on ship stability. Mor. flot 20 no.11:
4-7 N '60. (MIRA 13:11)

1. Tsentral'nyy nauchno-issledovatel'skiy institut morskogo flota.
(Stability of ships)

BLAGOVESHCHESKIY, S.N., doktor tekhn.nauk; LIPIS, V.B.

Draft standard for the stability of dredgers. Inform. sbor. TSNIIMF
no.59. Tekh. ekspl.mor.flota no.7:3-21 '61. (MIRA 16:6)
(Stability of ships--Standards)
(Dredging machinery--Standards)

BLAGOVESHCHENSKIY, S.N., prof., otv. red.; EYDEL'MAN, D.Ya.,
inzh., red.

[Norms of the stability of seagoing ships] Normy ostoi-
chivosti morskikh sudov. Leningrad, Izd-vo "Morskoi
transport," 1963. 139 p. (MIRA 18:1)

1. Russia (1923- U.S.S.R.) Registr Soyuz SSSR.

BLAGOVESHCHENSKIY, S., doktor tekhn.nauk, starshiy nauchnyy sotrudnik;
DORIN, V., kand.tekhn.nauk

International cooperation on standardizing the buoyancy and
stability of ships. Mor. flot 23 no. 12:41-42 D '63.
(MIRA 17:5)

1. Tsentral'nyy nauchno-issledovatel'skiy institut morskogo
flota (for Blagoveshchenskiy).

BLAGOVESHCHENSKIY, T.

"Safety engineering in operating agricultural machinery" by V.A. Iatsenko. Reviewed by T.Blagoveshchenski. Tekh. v sel'khoz. 20 no.6:91-92 Je '60. (MIRA 13:10)

1. Tashkentskiy institut irrigatsii i mekhizatsii sel'skogo khozyaystva.

(Agriculture--Safety measures)
(Iatsenko, V.A.)

DLAGOVESHCHENSKIY, V. N.

Саладзе Кетевана Смирно-
мова (Сальвестровна). Кама в
гос. Грени. 1946, 84 с. 11 лл. 6 док.
105(1)
Записки. 1948. 11, 76 с. 4 лл.

г. 1949, 25.5.
Дядя Иван Иванович
г. 1946, 1.6.

300. *Polypodium polifolium* Kuhn. 1946, 156.
Вол. д. *Средиземноморские папоротники* 390.
Polypodium polifolium (Tortuosa var.) 1954.
Зем. 1946, 156.
Донск. К азурному папоротнику от
Август 1948. [1] 76 с. 4 ил., илл. 194.
Иркутск. Отт. епом. Влад. ТТХ. 1949.
Зем. 1946, 155.

269 83, 2 8, 10th.
see also 1953, 28.12

Кимридзе Кузурн Роман-
вич, Пестровская Ольга Восточной Гру-
ппы, 1954 г. 2 мая 1954 г.

Заб. 1955, 28.12.

997. յՈՆԻՅՈՐԵ ԸՅՅԵՆ ԸՅՅԵՆ
 թ. 1942. 19 է. (Ընդ. տպագրութիւն).
 Բաւ. և աշխ. Վ. 3. 1937; և ևս: Ըն-
 ծ. Երևանի Դպր. եղանակի երկու-
 տեղ. Երևան, 1938.

1940)
1938, 29.5.
1941, 27.4.

Качествен Лева Алексе-
вич. К вопросу о черной Явонской
1002. Газетный рецензент
Февеня. Газетный рецензент
Февеня. 1002.

Защ. 1920, 29.6.
полное при из. вранств. Августул. 1961.
116 - 8 см. ПИНИ
ча и стбам:

1949, 500 მ.

Page 191, 142.
See 192, 11A.

Лесные растения в Грузии. 1949.
500 с.

გვ. 1951, 162.

999. უბოთი ძღწე მღვდელ-
ისქობრი; აზრებდა ეს სხვა ნაწილ-

გვ. 1959, 212.

1004. კანკალე ოპრა ანთ-
ონია. ჩ აუყუნს ცოცხს გარეთ

ՀԱՅԿԱՆ ԱՊՐԱՆԱԾԱԿԱՆ ՎԵՐԱԴՈՒՄ

[illegible]

Щедрая Елена Темуровна 1908. Манареская Евгения
Александровна. Высшие усло-

в некоторых растениях (особенно при плохой дифференциации корней и стеблей) в различных условиях произрастания. (Тр. гос. инст. ботаники. 1930. [1], 196 с., мал. (Тр. т. 2, 1937. Размещено по инст. сб.).

1000. *рабмодель* *модель* *изучение* *на* *Республиканском* *государственном* *конгрессе* *1950* *г.* *29.11.* *Заг.* *1950*, *29.11.*

[illegible]

72
Discretion for degree of

Conf/Arts: Biological Sciences

1. *Y. enterocolitica* serotype 4/O:3

Def. at

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Def. at
Tbilisi State U.

BLAGOVESHCHENSKIY, V. A.

The effect of snake venom on the catalase of the blood of man. V. A. Blagoveshchenskiy and F. F. Telyzin. Doklady Akad. Nauk. S. S. S. R. 80, 133-5(1951). - The method of Eiler and Josephson was used in the analysis of blood for catalase. The effect upon catalase of the venom of the following was studied: Cobra (*Naja naja*) as representative of Colubridae, *Vipera raddei* and *V. lebetina* as representative of Viperidae, and *Ancistrodon blomhoffi* as representative of the Crotalida. Desiccated venom was used and was added to the blood catalase prepus, in concns. of 0.1-0.0016 mg./ml. Cobra venom activated blood catalase in a broad range of concns. and increased in effectiveness with rise in temp. The venom of the Viperidae and Crotalidae strongly depressed blood-catalase activity in a dissimilar manner. Unlike the venom of Viperidae, that of Crotalidae enhanced the activity of human-blood catalase in concns. of 0.013-0.0033 mg./ml. Higher temps. reduced this catalase-activity enhancement. The addn. of snake venom affected the temp. coeff. of the H₂O₂-decompn. reaction by human-blood catalase.

B. S. Levine.

"APPROVED FOR RELEASE: 06/08/2000

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"APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205420015-2

APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205420015-2"

USSR/Microbiology. General Microbiology. Physiology and Biochemistry F-1

Abs Jour : Ref Zhur - Biol., No 14, 1958, No 62276

Author : Shemanova G.F., Blagoveshchenskiy V.A.

Inst : -

Title : Questions on the Course of Carbohydrate Exchange in Clostridium Oedematis.

Orig Pub : Biokhimiya, 1957, 22, No 3, 523-526

Abstract : Aldolase fructosediphosphate was uncovered in cells of Cl. oedematis. Optimum pH for the aldolase in phosphate and veronal buffers is shifted beyond the zone of detection of pH, to the alkaline side; in borate, to the acid. The aldolase is depressed by the ions of Ca^{2+} , Mg^{2+} , Mn^{2+} , and particularly strongly by Zn^{2+} . Optimum temperature of the ferment -- 50-60°. By fermenting glucose with Clostridium, such inter-

Card : 1/2

USSR/Microbiology. General Microbiology. Physiology and Biochemistry F-1

Abs Jour : Ref Zhur - Biol., No 14, 1958, No 62276

mediate products of glycolysis as glucoso-1-phosphate, glucoso-6-phosphate, fructosodiphosphate, and phosphopyruvic acid are uncovered. The authors believe that the data obtained speak of the presence, in Cl. oedematis, of a glycolytic course for carbohydrate exchange. -- M.S. Loytsyanskaya

Card : 2/2

BLAGOVESHCHENSKIY, V.A.

ZUBOK, L.P.; *BLAGOVESHCHENSKIY, V.A.*

Studying fermentative properties of *Rickettsia prowazekii* [with summary in English]. *Biokhimiya* 22 no.4:695-698 J1-Ag '57.

(MIRA 10:11)

1. Synnotifoznyy i biokhimicheskiy otdely Instituta epidemiologii i mikrobiologii im. Gamaleya AMN SSSR, Moskva.

(*RICKETTSIA PROWAZEKII*, metabolism, fermentative properties (Rus))

BLAGOVESHCHENSKIY, V.A.

SHEMANOVA, G.P.; BLAGOVESHCHENSKIY, V.A.

Amylase, maltase, and phosphorylase in *Clostridium oedematiens*
[with summary in English]. *Biokhimiya* 22 no.5:799-803 S-O '57.
(MIRA 11:1)

1. Otdel biokhimii Instituta epidemiologii i mikrobiologii im.
Gamaleya Akademii meditsinskikh nauk SSSR, Moskva.

(CLOSTRIDIUM, metabolism,

oedematiens, amylase, maltase & phosphorylase (Rus))

(AMYLASES,

in *Clostridium oedematiens* (Rus))

(CARBOHYDRASES,

maltase in *Clostridium oedematiens* (Rus))

(PHOSPHATASES,

in *Clostridium oedematiens* (Rus))

MANUIL'SKAYA, T.M., BLAGOVESHCHENSKIY, V.A.

Proteinase of *Clostridium oedematiens* [with summary in English]
Biokhimiia 23 no.3:356-358 My-Je '58 (MIRA 11:8)

1. Otdel biokhimii Instituta epidemiologii i mikrobiologii im.
N.F. Gamaleya AMN SSSR, Moskva.

(GLOSTRIDIUM, metabolism.

oedematiens, proteases (Rus))

(PROTEASES,

Clostridium, oedematiens (Rus))

MANUIL'SKAYA, T.M.; BLAGOVESHCHENSKIY, V.A.

Role of intracellular proteinase of *Clostridium oedematiens* in
toxin formation [with summary in English]. *Biokhimiya* 23 no.4:
584-586 J1-Ag '58. (MIRA 12:3)

1. Department of Biochemistry, Institute of Epidemiology and Micro-
biology, Academy of Medical Sciences of the U.S.S.R., Moscow.

(CLOSTRIDIUM, metabolism,

oedematiens, proteases in toxin prod. (Rus))

(PROTEASES,

in *Clostridium oedematiens*, in toxin prod. (Rus))

BLAGOVESHCHENSKIY, V.A., ISPOLATOVSKAYA, M.V.

Concentration and purification of *Cl. histolyticus* anatoxin.
Zhur.mikrobiol.epid. i immun. 29 no.5:91-94 My '58 (MIRA 11:6)

1. Iz Instituta epidemiologii i mikrobiologii imeni Gamalei AN
SSSR.

(CLOSTRIDIUM,
histolyticum, concentration & purification of anatoxin
(Rus))

BLAGOVESHCHENSKIY, V.A.; KONIKOV, A.P.; KLYUCHEVA, V.V.; MARMALEVSKAYA, L.Ya.;
TARKHANOVA, I.A.; GEKKER, V.D.; KOVALEVA, N.I.; IVANOVA, L.K.; KASHIN -
TSEVA, N.S.

Preparation of chemically associated and precipitated vaccine against enteric infections and tetanus. Report No.1: Production, chemical properties, and adsorption of antigens. Zhur. mikrobiol. epid. i immu. 29 no.10:34-37 0 '58. (MIRA 11:12)

1. Iz Instituta epidemiologii i mikrobiologii imeni Gamalei AMN SSSR.
(VACCINES AND VACCINATION,
enteric tetanus polyvalent depot vaccines (Rus))
(TETANUS, immunology,
same)

GEKKER, V.D.; IVANOVA, L.K.; KOVALEVA, N.I.; KASHINTSEVA, N.S.; BLAGOVESHCHENSKIY,
V.A.; KONIKOV, A.P.; KLYUCHEVA, V.V.; TARKHANOVA, I.A.; MARMALEVSKAYA,
L.Ya.

Preparation of chemically associated vaccine against enteric infections
and tetanus. Report No.2: Immunological properties of chemically as-
sociated vaccine. Zhur. mikrobiol. epid. i immu. 29 no.10:38-42 0 '58.
(VACCINES AND VACCINATION (MIRA 11:12)

enteric-tetanus-polyvaccine (Rus))
(TETANUS, immunol.
same)

ISPOLATOVSKAYA, M.V.; BLAGOVESHCHENSKIY, V.A.; VLASOVA, Ye.V.; KUZ'MINA, A.P.

Electrophoretic and immunochemical investigations of *Clostridium oedematiens* anatoxin. Zhur.mikrobiol.epid. i imun. 30 no.1:54-48
Ja '58. (MIRA 12:3)

1. Iz Instituta epidemiologii i mikrobiologii imeni Gamalei AMN
SSSR.

(CLOSTRIDIUM

oedematiens anatoxin, electrophoretic &
immunochemical aspects (Rus))

BLAGOVESHCHENSKIY, V.A.; MAYOROVA, I.P.

Adsorption and elution of active proteins of the anatoxin of
Vibrio septicus. Biokhimiia 24 no.3:566-570 My-Je '59.
(MIRA 12:9)

1. Biochemical Department, Institute of Epidemiology and
Microbiology, Academy of Medical Sciences of the U.S.S.R.,
Moscow.

(VIBRIO

anatoxin, adsorption & elution of active
protein (Rus))

BLAGOVESHCHENSKIY, V.A.; MARMALEVSKAYA, L.Ya.; ISPOLATOVSKAYA, M.V.

Studies on the antigenic composition of tetanus anatoxin during the process of purification. Zhur.mikrobiol.epid.i immun. 30 no.10:78-82 O '59. (MIRA 13:2)

1. Iz Instituta epidemiologii i mikrobiologii imeni Gamalei AMN SSSR.
(TETANUS immunol.)
(VACCINES)

STEPANCHENOK-RUDNIK, G.I.; NEKHOTENNOVA, Ye.I.; BLAGOVESHCHENSKIY, V.A.;
PAVLOV, P.V.

Effect of ultrasonic waves on diphtheria toxin; author's abstract.
Zhur.mikrobiol.,epid.i immun. 30 no.11:118-119 N '59. (MIRA 13:3)
(DIPHTHERIA) (TOXINS AND ANTITOXINS)
(ULTRASONIC WAVES--PHYSIOLOGICAL EFFECT)

KUSHNAREV, V.M.; BLAGOVESHCHENSKIY V.A.

Effect of freeze-drying on succinic dehydrogenase activity of
Escherichia coli. Biokhimiia 25 no.4:599-602 J1-Ag '60.

(MIRA 13:11)

1. Department of Dry Preparations and Department of Biochemistry,
Institute of Epidemiology and Microbiology, Academy of Sciences of
the U.S.S.R., Moscow.

(FREEZE-DRYING)

(ESCHERICHIA COLI)

(SUCCINIC DEHYDROGENASE)

STEPANCHENOK-RUDNIK, G.I.; BLAGOVESHCHENSKIY, V.A.

Use of ultrasonic waves in microbiology and the biochemistry of
microbes; survey of the literature. Zhur.mikrobiol. epid. i immun.
31 no.3:44-48 Mr '60. (MIRA 14:6)

1. Iz Instituta epidemiologii i mikrobiologii imeni Gamalei AMN
SSSR.

(ULTRASONIC WAVES—PHYSIOLOGICAL EFFECT) (MICROBIOLOGY)

KUSHNAREV, V.M.; BLAGOVESHCHENSKIY, V.A.

Effect of freeze-drying on the succinic dehydrogenase activity of bacteria. Biokhimiia 26 no.4:688-693 J1-Ag '61. (MIRA 15:6)

1. Department of Drying of Biological Preparations and Department of Microbe Biochemistry, Institute of Epidemiology and Microbiology, Academy of Medical Sciences of the USSR, Moscow.
(SUCCINIC DEHYDROGENASE) (BACTERIA, PATHOGENIC)
(FREEZE-DRYING)

MARMALEVSKAYA, L.Ya.; BLAGOVESHCHENSKIY, V.A.

Purification of toxoids of *Cl. perfringens* by precipitation with alcohol and acetone. Zhur.mikrobiol.epid.i immun. 32 no.1:110-113 Ja '61. (MIRA 14:60)

1. Iz Instituta epidemiologii i mikrobiologii imeni Gamalei AMN SSSR.

(CLOSTRIDIUM PERFRINGENS)

(ALCOHOL) (ACETONE)

BLAGOVESHCHENSKIY, V.A.; STEPANCHENOK, RUDNIK, G.I.; ZHULINA, L.V.

Studies on the chemical composition of BCG culture extracts exposed to ultrasonics and the isolation of a soluble antigen from them.
Zhur.mikrobiol.epid.i immun. 32 no.3:17-22 Mr '61. (MIRA 14:6)

1. Iz Instituta epidemiologii i mikrobiologii imeni Gamalei AMN SSSR.
(MYCOBACTERIUM TUBERCULOSIS) (ANTIGENS AND ANTIBODIES)
(ULTRASONIC WAVES—PHYSIOLOGICAL EFFECT)

BLAGOVESHCHENSKIY, V.A.; KUL'BERG, A.Ya.; BULATOVA, T.I.; KORN, M.Ya.

Production of a specific fluorescent anthrax serum. Zhur.mikrobiol.,
epid. i immun. 33 no.3:18-23 Mr '62. (MIRA 15:4)

1. Iz Instituta epidemiologii i mikrobiologii imeni Gamalei AMN SSSR.
(ANTHRAX) (SERUM) (ANTIGENS AND ANTIBODIES)

STEPANCHENOK-RUDNIK, G.I.; BLAGOVESHCHENSKIY, V.A.

Isolation of a soluble antigen from sound-treated cultures of
Mycobacterium tuberculosis of different strains. Zhur.mikrobiol.
epid.i immun. 33 no.5:41-45 My '62. (MIRA 15:8)

1. Iz Instituta epidemiologii i mikrobiologii imeni Gamalei AMN
SSSR.

(MYCOBACTERIUM TUBERCULOSIS) (ULTRASONIC WAVES--PHYSIOLOGICAL EFFECT)
(ANTIGENS AND ANTIBODIES)

BLAGOVESHCHENSKIY, V.A.; STEPANCHENOK-RUDNIK, G.I.; ZHULINA, L.V.

Study of the conditions of absorption of a soluble antigen isolated from Mycobacterium tuberculosis subjected to ultrasonic waves. Zhur.mikrobiol., epid.i immun. 33 no.8:130 Ag '62. (MIRA 15:10)

1. Iz Instituta epidemiologii i mikrobiologii imeni Gamalei AMN SSSR.
(ANTIGENS AND ANTIBODIES)(BCG)(ULTASONIC WAVES--PHYSIOLOGICAL EFFECT)

KUSHNAREV, V.M.; ELAGOVESHCHENSKIY, V.A.

Characteristics of the succinic dehydrogenase activity of
Escherichia coli as related to its resistance to freeze-drying
Mikrobiologiya 32 no.1:17-19 '63 (MIRA 17:3)

1. Institut epidemiologii i mikrobiologii imeni Gamalei.

FAVOROVA, L.A.; BLAGOVESHCHENSKIY, V.A.; CHUBKOVA, A.I.; FETISOVA, T.I.

Study of the insecticidal properties of butadione and some data on its content in the blood serum and in dead insects. Zhur. mikrobiol., epid. i immun. 40 no.9:84-87 S'63. (MIRA 17:5)

1. Iz Instituta epidemiologii i mikrobiologii imeni Gamalei AN SSSR i Instituta epidemiologii i gigiyeny Armyanskoy SSR.

L 20997-66 EWI(1)/7 RO/JK

ACCESSION NR: AP5021649

UR/0218/65/030/004/0675/0680

577.17

AUTHOR: Mayorova, I. P.; Blagoveshchenskiy, V. A.; Volkova, Z. M.; Orlova, N. G.

13
B

TITLE: Dynamics of phosphorous compounds in the process of Cl. perfringens development

SOURCE: Biokhimiya, v. 30, no. 4, 1965, 675-680

TOPIC TAGS: fungus, toxicology, phosphorous compound/BP6K toxigen, 2836 toxigen

ABSTRACT: The object of the article was to study the special characteristics of the metabolism of phosphorous compounds in Cl. perfringens in connection with the formation of toxins. Test materials were strain BP6K toxigen and the weak toxigen No. 2836. A partially synchronized culture of Cl. perfringens was obtained as follows. A fresh culture, containing $2 \cdot 10^9$ living microbic cells per ml, was planted in 500 ml of a medium with the following composition (heated to 37C): casein hydrolyzate obtained from the fungus Aspergillus terricola: NaHPO_4 2.3 gram/liter; MgSO_4 0.02 gram/liter; KH_2PO_4 0.25 gram/liter; lumps of muscle 33 grams/liter; and, glucose 0.5%. A culture with $5 \cdot 10^9$ cells per 500 ml was introduced into the medium and placed in a thermostat at 37C. After 15 min of

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ACCESSION NR: AP5021649

development, an equal volume of fresh medium cooled to 0-2C, was rapidly added to the culture and the temperature dropped to 20-22C, after which it was again placed in a thermostat at 37C. Microscopic analysis showed that, after cooling, the cells ceased to divide but continued to grow, increasing in size by 2-3 times. A study was made of the behavior of phosphorous compounds during these operations. It was shown that the separating out of toxins in cultures of strain C1: perfringens toxigen is connected with a change in the phosphorous containing compounds and that it is accompanied by an expenditure of energy. During the process of cell division and of the separating out of toxin in the bacteria of the toxigen, the content of phosphorous compounds decreases sharply. Microbes of a toxigen before the start of separation have the capacity to accumulate a greater amount of phosphorous compounds than microbes of a nontoxigen. "The authors wish to thank I. S. Kulayev and M. S. Kritskom for consultation on the work."

Orig. art. has: 3 tables

ASSOCIATION: Institut epidemiologii i mikrobiologii im. N. F. Gamalei Akademii meditsinskikh nauk SSSR, Moscow (Institute of Epidemiology and Microbiology, Academy of Medical Sciences of the SSSR)

Card 2/3

L 20997-66

ACCESSION NR: AP5021649

SUBMITTED: 21Jan64

ENCL: 00

SUB CODE: LS, 16

NR REF SOV: 004

OTHER: 004

Card

3/3

BK

ISPOLATOVSKAYA, M.V.; MIKHAYLOVSKAYA, L.Ya.; KLIMACHEVA, L.V.;
DIAGOVESHCHENSKIY, V.A.; LARINA, I.A.

Study of the enzymes of the *Clostridium perfringens* toxic
complex, their formation and interaction. Zhur. mikrobiol.,
epid. i imm. 42-no.11:61-65 N '65. (MIRA 18:12)

1. Institut epidemiologii i mikrobiologii AMN SSSR imeni Gamalei.
Submitted April 15, 1964.

1 28427-66 EWI(1)/1 JK	
ACC NR: AP6019115	SOURCE CODE: UR/0016/65/000/011/0061/0065
AUTHOR: <u>Ispolatovskaya, M.V.; Mikhaylovskaya, L.Ya.; Klimacheva, L.V.;</u> <u>Blagoveshchenskiy, V.A.; Larina, I.A.</u> 28 3	
ORG: <u>Institute of Epidemiology and Microbiology im. N.F. Gamaleya, AMN SSSR</u> <u>(Institut epidemiologii i mikrobiologii AMN SSSR)</u>	
TITLE: Study on the formation and interaction of enzymes in the toxic <u>Clostridium</u> <u>perfringens</u> complex	
SOURCE: Zhurnal mikrobiologii, epidemiologii i immunobiologii, no. 11, 1965, 61-65	
TOPIC TAGS: enzyme, bacteria, bacteriology, biochemistry	
ABSTRACT: Lecithinase, collagenase, hyaluronidase, and proteinase were present in <u>Cl. perfringens</u> cells grown from 1½ to 4 hours. Considerable amounts of lecithinase were found in the culture fluid in the course of the experiment. In some experiments collagenase and hyaluronidase were present in the microbial cells but absent in the culture fluid. Crude exo- and endoproteinases of the pathogen of gas gangrene possessed very low proteolytic activity, while concentrated, highly active proteinases in vitro experiments did not inactivate <u>Cl. perfringens</u> toxin or lecithinase. Trypsin, however, sharply inactivated both the toxin and purified lecithinase.	
Orig. art. has: 2 tables. [SPRS]	
SUB CODE: 06/ Card 1/1 3	SUBM DATE: 15Apr64/ ORIG REF: 001/ OTH REF: 002 UDC: 576.851.555.097.29:577.15

L 42268-66	ENT(1)/T	JK	SOURCE CODE: UR/0219/66/061/004/0074/0077
ACC NR: AP6031669			
AUTHOR: <u>Mayorova, I. P.; Blagoveshchenskiy, V. A.</u>			
ORG: <u>Institute of Epidemiology and Microbiology im. N. F. Gamalei, AMN SSSR, Moscow</u> (Institut epidemiologii i mikrobiologii AMN SSSR)			
TITLE: Changes in the composition of the bacterial mass of <u>Cl. perfringens</u> , type A, during cultivation			
SOURCE: Byulleten' eksperimental'noy biologii i meditsiny, v. 61, no. 4, 1966, 74-77			
TOPIC TAGS: RNA, DNA, bacteriology, bacteria, plant metabolism, biosynthesis, protein, toxin			
ABSTRACT: Changes in the bacterial mass with respect to the content of high-molecular N-containing substances, <u>RNA</u> and DNA, and the total content of P during the developments of cultures of <u>Cl. perfringens</u> strains with varying toxigenicity were studied. The data in question are of importance in connection with the investigation of characteristics of metabolism of the microorganisms that are related to the formation of <u>toxin</u> . For highly toxigenic strains a predominance of decomposition of RNA and of proteins to low-molecular compounds over their synthesis was found during the process of development, while cultures of weakly toxigenic strains retained a capacity for intensive synthesis of RNA and proteins. Cultures with moderate toxigenicity occupied an intermediate position. Orig. art. has: 3 figures and 1 table. [JPRS: 36,932]			
SUB CODE: 06 / SUBM DATE: 23Jul64 / ORIG REF: 002			
Card 1/1		UDC: 576.851.555.095.4: 576.8.098	

ACCESSION NR: AP4018358

S/0120/64/000/001/0030/0033

AUTHOR: Demirkhanov, R. A.; Kursanov, Yu. V.; Blagoveshchenskiy, V. M.

TITLE: Source of high-intensity protons

SOURCE: Pribury* i tekhnika eksperimenta, no. 1, 1964, 30-33

TOPIC TAGS: ion source, high intensity proton, high intensity proton source, electron fore injector, 10 Gev proton synchrotron, duoplasmatron

ABSTRACT: An ion source is described which is capable of developing a proton emission of 1.5 amp and was used in 1956 as a fore-injector in the 10-GeV proton-synchrotron at the Joint Nuclear Research Institute. The design of the source with magnetically contracted discharge is shown in Fig 1, its electric-supply scheme in Fig 2, Enclosure 1. Emission characteristics of the source were investigated under rather long (100 microsec) pulse conditions; the effect of the arc current, magnetic field, and gas pressure upon the ion current are reported. The basic parameters of the ion source are:

Card 1/22

ACCESSION NR: AP4018358

Accelerating voltage	30 kv
Ion emission current	1.5 amp
Arc current	20 amp
Arc voltage	110-120 v
Gas pressure	$(5-7) \times 10^{-3}$ torr
Magnetic field	1,000 gauss
Emission port diameter	6 mm
Proton component	85%

Orig. art. has: 6 figures.

ASSOCIATION: Fiziko-tekhnicheskiy institut (Physico-Technical Institute)

SUBMITTED: 04Apr63

DATE ACQ: 18Mar64

ENCL: 01

SUB CODE: NS

NO REF SOV: 002

OTHER: 002

Card 2/70

BLAGOVESHCHENSKIY, V.P.

Effect of moisture content of raw materials on scutching and
yield of long fibers. Izv.vys.ucheb.zav.; tekhn.tekst.prom. no.4:
30-38 '61. (MIRA 14:9)

1. Kostromskoy tekstil'nyy institut.
(Textile fibers) (Moisture in textiles)

BLAGOVESHCHENSKIY, V.P.

Concerning the effect of retted straw moisture on the technology
of its processing. Izv.vys.ucheb.zav.; tekhn.tekst.prom. no.6:
52-57 '60. (MIRA 14:1)

1. Kostromskoy tekstil'nyy institut.
(Flax)

BLAGOVESHCHENSKIY, V.P.

Effect of the retted flax moisture during its processing on the
quality of long fibers. Izv.vys.ucheb.zav.; tekhn.tekst.prom. no.1:
48-52 '63. (MIRA 16:4)

1. Kostromskoy tekhnologicheskoy institut.
(Flax)

BLAGOVESHCHENSKIY, V.

USAF/Aeronautics
Pilots - Training
Flight Training

Jul 1947

"Errors in Piloting Techniques and Methods of Prevention," V. Blagoveshchenskiy, 4 pp

"Vestnik Bozduzhnogo Flota" No 7 (341)

It is necessary to correct piloting techniques as the errors become greatly magnified in carrying out figures of complicated maneuvers. The article does not give any detailed methods for correcting errors in fighter or bomber tactics, but does deal briefly with errors in the training of new pilots. The statement is made that the only efficient method of discovering why a

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pilot makes certain mistakes is to have him under observation at all times, whether in the air or on the ground.

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BLAGOVESHCHENSKIY, V.P.

Osnovy radiotekhniki
sverkhvysokikh chastot (Principles of radio ultra-
high-frequency technology). Leningrad, Sudpromgiz,
1952. 420 p.

SO: Monthly List of Russian Accessions, Vol. 6, No. 1, April 1953

BLAGOVESHCHENSKIY, Vladimir Petrovich; DIZHUR, I.M., redaktor; TIKHONOVA,
Ye.A., tekhnicheskii redaktor.

[Ship radar station and the nature of its work] Sudovaya radio-
lokatsionnaya stantsiya i osobennosti ee raboty. Moskva, Izd-vo
"Morskoi transport," 1955. 55 p. (MLRA 8:12)
(Radar)

BLAGOVESHCHENSKIY, Vladimir Petrovich; SIDORENKO, Vladimir Vladimirovich;
BAKOV, V.I., otvetstvennyy redaktor; TSVETKOV, N.V., redaktor;
FRUMKIN, P.S., tekhnicheskiy redaktor

[Radio measurements in pulse equipment] Izmereniia v impul'snoi radio-
apparature. Leningrad, Gos. nauchnoe izd-vo sudostroit. promyshl.
1957. 263 p. (MLRA 10:4)

(Pulse techniques (Electronics))
(Radio measurements)

BLAGOVESHCHENSKIY, VLADIMIR PETROVICH

W2
658
.B6

Izmereniya V Impul'snoy Radio-apparature (Impulse Radio Device Measuring ,
By: V. P. Blagoveshchenskiy, V. V. Sidorenko. Leningrad, Subpromgiz, 1957.
262 P. F. Diags., Graphs, Tables.

MEA

BLAGOVESHCHENSKIY, V.P.

108-10-11/11

AUTHOR: None Given.

TITLE: New Books (Novyye knigi).

PERIODICAL: Radiotekhnika, 1957, Vol. 12, Nr 10, pp. 101-101
(USSR)

ABSTRACT: Koshcheyev, I. A.: Fundamental Theory of Electrical Compounds. Volume III. Non-Linear Systems, 1957, 187 pages, Rb 5,40
Ioffe, A. F.: Physics of Semiconductors. Edition of the AN USSR, 1957, 491 pages, Rb. 20.-
Kaden, G.: Electromagnetic Screens. 1957, 327 pages, Rb. 10, 75.
The basic problems within the frequency range of quasi-stationary operations are investigated. In part I: Screening of Interference Fields. In part II: Screening of Interference Currents.
Polivanov, K. M.: Ferromagnetics. Fundamental theory for their technical use. 1957, 256 pages, Rb. 13,70.

CARD 1/2

New Books

108-10-11/11

Some Problems in Impulse Techniques and High-Frequency Techniques.

Works of the Moscow Institute for Aviation, volume 83, 1957.

Blagoveshchenskiy, V. P., Sidorenko, V. V., Measurements in Impulse-Radio Apparatus. 1957, 264 pages, Rb. 6, 65. Teaching facility.

AVAILABLE: Library of Congress

CARD 2/2

RUSSIAN 0035030 (M,N)

SOURCE CODE: UR/0413/66/000/020/0036/0037

INVENTOR: Blagoveshchenskiy, V. S.; Kudryavtseva, S. N.

ORG: none

TITLE: Preparation of trialkyl tetrathiophosphates, Class 12, No. 187017 [announced by Chemistry Department, Moscow State University im. M. V. Lomonosov (Khimicheskii fakul'tet Moskovskogo gosudarstvennogo universiteta)]

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 20, 1966, 36-37

TOPIC TAGS: ~~trialkyl tetrathiophosphate~~, phosphorus ~~pentasulfide~~, ~~tetraalkoxysiloxane~~, *alkylation*

ABSTRACT: To widen the raw material base, in the proposed method for the preparation of trialkyl tetrathiophosphates by alkylation of phosphorus pentasulfide, tetraalkoxysiloxanes are used as the alkylation agents.

[WA-50; CBE No. 14]
[PS]

SUB CODE: 07/ SUBM DATE: 10Jan66

Card 1/1

UDC: 547.214'122'118.07

1.1117

S/063/62/007/005/003/006
AO57/A126

AUTHORS: Shchekotikhin, A.M., ~~Blagovashchenskiy, V.S.~~, Sidorenko, V.V.,
Denisov, O.K.

TITLE: Fluorine derivatives of acetylene hydrocarbons. α -fluorinated perhalogenpropines

PERIODICAL: Zhurnal vsesoyuznogo khimicheskogo obshchestva imeni D.I. Mendeleeva,
v. 7, no. 5, 1962, 580 - 582

TEXT: The preparation of α -fluorinated perhalogenpropines of the type $CF_nHal_{3-n}-C \equiv C-Hal$ was investigated ($n = 1, 2, 3$; $Hal = Cl, Br$). By means of dehydrohalogenation of monohydrohalogenpropylenes over calcinated sodium hydroxide at 210 - 290°C in a nitrogen stream was synthesized: 3,3,3-trifluoro-1-brompropine-1; 3,3,3-trifluoro-1-chloropropine-1; 3,3-difluoro-1,3-dichloropropine-1; and 1-fluoro-1,3,3-trichloropropine-1. It is demonstrated that α -fluorinated perhalogenpropines give only dihalogen derivatives in a reaction with halogenes in chlorinated solvents without heating. Infrared spectra of the obtained perhalogenpropines showed for these compounds the characteristic absorption band at 2,200 cm^{-1} , being thus somewhat different from corresponding literature data. The band shift is ex-

Card 1/2

Fluorine derivatives of....

S/063/62/007/005/003/006
A057/A126

plained by the effect of the halogen near to the carbon atom with the triple bond. This observation will be discussed in further papers. The presence of the triple bond was proved also by a successive addition of two and four halogen atoms. The fact that α -fluorinated perhalogenpropines react with chlorine, or bromine in the absence of a solvent, in light and at room temperature by explosion, while in the presence of chloroform, or methylene chloride only to dihalogen derivatives is explained by the assumption that the deactivating effect of the trimethylene group (in relation to an electrophilic attack) is spread only on one π -bond and has just a weak effect upon the other. The tetrachlor derivatives were prepared in sealed ampullas at elevated temperature, the tetrabromine derivatives only by irradiation with ultraviolet light in a quartz vessel. Basic experimental data are presented in a table.

SUBMITTED: October 26, 1961

Card 2/2

KNUNYANTS , I.L., akademik; FOKIN, A.V.; BLAGOVESHCHENSKIY, V.S.; KOSYREV, Yu.M.

New interesting cases of the formation of nitroso compounds.

Dokl. AN SSSR 146 no.5:1088-1091 0 '62.

(MIRA 15:10)

(Nitroso compounds)